

CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A radio frequency (RF) tuner comprising:  
a tuner housing;  
a cover coupled to a first side of said housing; and  
a tuner printed circuit board (PCB) ~~including a plurality of layers~~ coupled to a second side of said housing wherein the PCB comprises a component connection layer, a first ground layer for a first set of signal path circuitry, a second ground layer for a second set of signal path circuitry and a third ground layer that does not have any signal path circuitry the; wherein ~~said layers are~~ the third layer is configured to shield ~~said the~~ tuner PCB.
2. (Original) The RF tuner of claim 1, wherein said tuner PCB further comprises:  
a plurality of finger connector extrusions formed in said tuner PCB;  
said connector extrusions being configured to electrically couple said tuner PCB to a second PCB.
3. (Currently amended) The RF tuner of claim 2, wherein said RF tuner ~~further comprises~~ is a vertical mount tuner.
4. (Original) The RF tuner of claim 1, wherein said tuner housing further comprises:  
a plurality of support members;

a plurality of extrusions, said extrusions being configured to extrude through a plurality of corresponding orifices in said tuner PCB; and

a plurality of ribs configured to receive a corresponding plurality of clip tabs of said cover.

5. (Cancelled)

6. (Original) The RF tuner of claim 1, further comprising a network connector communicatively coupled to said tuner PCB.

7. (Original) The RF tuner of claim 6, wherein said network connector comprises a coaxial cable connector.

8-9. (Cancelled)

10. (Currently amended) The RF tuner of claim & 1, further comprising a plurality of plated through holes disposed in ~~said top layer, said intermediate layer, and said bottom layer~~ component connection layer, the first ground layer, the second ground layer and the third ground layer.

11. (Currently amended) The RF tuner of claim & 1, wherein said tuner PCB further comprises:

a plurality of finger connector extrusions formed in ~~said top~~ the component connection layer, ~~said intermediate~~ the first ground layer layer, and ~~said bottom~~ the second ground layer and the third ground layer;

said connector extrusions being configured to electrically couple said tuner PCB to a second PCB.

12. (Original) The RF tuner of claim 11, wherein said second PCB comprises a main PCB of a set-top box.

13. (Original) The RF tuner of claim 8, wherein said tuner components comprise:  
an up-converter variable crystal oscillator (VCO); and  
a down-converter VCO.

14. (Currently amended) A set-top box comprising:  
a chassis;  
a tuner coupled to said chassis;  
a demodulator communicatively coupled to said tuner; and  
a central processing unit (CPU) communicatively coupled to said demodulator;  
wherein said tuner includes a tuner housing, a cover coupled to a first side of said housing, and a tuner printed circuit board (PCB) including a component connection layer, a first ground layer for a first set of signal path circuitry, a second ground layer for a second set of signal path circuitry and a third ground layer that does not have any signal path circuitry ~~plurality of layers~~ coupled to a second side of said housing, wherein said

~~layers are~~ the third layer is configured to shield said tuner PCB.

15. (Original) The set-top box of claim 14, wherein said tuner further comprises:  
a plurality of finger connector extrusions formed in said tuner PCB; said  
connector extrusions being configured to electrically couple said tuner PCB to a  
second PCB.
16. (Original) The set-top box of claim 15, wherein said second PCB comprises a  
main PCB of said set-top box.
17. (Original) The set-top box of claim 14, wherein said tuner ~~further comprises~~ is a  
vertical mount tuner.
18. (Original) The set-top box of claim 14, wherein said tuner housing further  
comprises:  
a plurality of support members;  
a plurality of extrusions, said extrusions being configured to extrude through a  
plurality of corresponding orifices in said tuner PCB; and  
a plurality of ribs configured to receive a corresponding plurality of clip tabs of  
said cover.
19. (Cancelled)

20. (Currently amended) The set-top box of claim ~~49~~ 18, further comprising a plurality of plated through holes disposed in ~~said top layer, said intermediate layer, and said bottom layer~~ the component connection layer, the first ground layer, the second ground layer and the third ground layer.

21. (Currently amended) The set-top box of claim ~~49~~ 18, wherein said tuner components comprise:

an up-converter variable crystal oscillator (VCO); and  
a down-converter VCO.

22-30 (Cancelled)